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62.47
Tulips

Peonies

Narcissi

Irises

Autumn 1928
Spring and Summer 1929

Oronogo Flower Gardens

CARTERVILLE, MO.
BENJAMIN C. AUTEN

Terms: Cash with order. No charge for packing. Goods offered subject to previous sale. All prices include delivery by mail or express.

Items quoted only in small quantities can be furnished only in small quantities, and at the printed prices.

Bulbs shipped on receipt of order, plants in regular routine of digging and shipping. Bulbs and plants not shipped together, nor at the same time.

No guarantee goes with my bulbs or plants, but I take extreme pains to have them true to name, and it is on them I depend for future orders. Write me, however, if you fail to have success with them. It is important for me to know.

If a mistake is made in the filling of your order or the package reaches you in bad condition, write me. I do not know of it unless you do.

If you do not hear from your orders in a reasonable length of time, write. Orders may get lost on the way, may possibly be overlooked after receipt, or the shipment may go astray.

Order early and plant early, while the bulbs are still fresh and solid.

Next year's price list will as a matter of course be sent to all this year's customers, but I do not keep a permanent mailing list.

My own growing only.

THE FORCING OF BULBS

The "F" and "FF" varieties of narcissi, the hyacinths, the grape hyacinths, and the Star of Bethlehem are easily brought to bloom in the house in winter.

For success with any of these bulbs, a certain routine is absolutely necessary. After potting or other method of planting, the bulbs must be put where dark and very cool, the colder the better, so they do not freeze, and kept faithfully watered, for as much as two months, unless they make determined growth sooner. When the buds are above ground, or the two months are up, the bulbs can be brought to warmth and light to complete their growth. Do not get them too warm, or the buds will blast, and do not let them stand in strong sun.

The best material I have found for growing bulbs in water is poultry-grit charcoal, hen size. It does not get foul, holds water a long time, and does not obstruct the roots if properly handled. The dish preferably should be of glass, and more than three inches deep.

Fill the dish with charcoal to about an inch from the top, and pour in water until the charcoal floats off the bottom of the dish. Press the charcoal down until it is all under water. Nest the bulbs about half their depth in the charcoal, and add water to float the charcoal for about a week. After that, merely see that there is water standing in the charcoal anywhere from the bottom to the top, all the time. Every ten days or two weeks will be as often as watering will be necessary. Do not remove the bulbs from the charcoal to see if they are rooted. They can not be replaced in the charcoal without injury to the delicate roots and damage to the bulb.

Bulbs of hyacinths, narcissi, etc., grown indoors for winter blooming, should be kept growing until the leaves die down, then set in the ground outdoors, where they can remain at least a year undisturbed.

OUTDOOR GROWING

Tulip and Narcissus bulbs should be planted about three inches deep to the tops of the bulbs as soon as possible after summer heat and drouth are broken, must remain in the ground over winter, and should not be disturbed until the leaves have turned yellow in early summer. This is the correct time to dig them. Narcissi prefer to be left in the ground several years. Tulips are better dug every year, though they may be let go an extra year if small when planted. Plant about six inches apart.

Bulbs should not be allowed to lie in the sun when dug, nor when planting, nor at any other time. They should be stored cool, dark, and well ventilated.

NARCISSUS BULBS

My descriptions may seem slight, but, as the list is large, I must save space, and there is nearly a paragraph of description in the key following the name. Every variety is just as fine as if a whole page were written about it, every variety is different from every other, and there is not a poor variety in the list. The prices are moderate, and include prepaid delivery of the bulbs to you.

The Ajax type is the one with the long trumpet; the Incomparabilis has the half length trumpet or cup, the Barrii the quarter-length cup. The Poeticus type has a white flower with a little flat red-edged saucer in the center. The Poetaz, Tazetta, and Jonquil types are bunch flowered and the blooms have small cups. The Leedsii type has medium or small cups and is primrose-white in color. Y, W, and Bic stand respectively for yellow, white and bi-color (white wing and yellow trumpet or cup). 1, 2, 6 tells the season of

bloom. F means that a variety is good for forcing, FF that it is very good.

My supply of some of these bulbs is very small: therefore, where only one or five bulbs of a kind are offered, order only one or five bulbs of those kinds.

Shipped August until winter. Not furnished in the spring.

Prices include delivery by mail or express.

Mixture. A combination of many varieties and types that will give a constantly changing program throughout the season. 10 for 50c, 25 for \$1.00, 100 for \$3.60, 250 for \$8.50, 1000 for \$33.00.

Adonia. BarBic5F. A high-class flower in every respect. 50c, 5 for \$2.00.*

Albatross. BarW4FF. Large flower with cup pale citron, faintly edged red. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.*

Argent. IncW4. Double. Creamy white. 10c, 5 for 40c, 25 for \$1.90.*

Ariadne. LeedsiiW3F. Cup ivory-white, very broad and spreading. Some of the most exquisite of all narcissi are of the Leedsii type. 9c, 5 for 36c, 25 for \$1.70, 100 for \$6.40.*

Biflorus. TzBic6. The old "Primrose Peerless Daffodil." Comes usually two on a stem, is very late, and of exquisite fragrance. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.

Blood Orange. BarBic5. Star-shaped and creamy white. Cup brilliant orange-red. 10c, 5 for 40c, 25 for \$1.90.

Brilliancy. BarY3. Like Conspicuus, but very much larger, and of better color. 50c.

Buttercup. JqY4F. Deep golden yellow. One of the largest of the jonquil hybrids. The jonquil and its hybrids are the richest in color of all the narcissi, of the highest quality, and exquisitely fragrant. 25c.*

Campernelle. JqY2F. Light yellow, very early, and large. 10c, 5 for 40c, 25 for \$1.90.*

Campernelle Giganteus. JqY2. Like the preceding, but deeper in color, and slightly later. 12c, 5 for 48c.*

Campernelle Orange Queen. JqY2F. Like Rugulosus, but rich orange in color. 10c, 5 for 40c.

Campernelle Rugulosus. JyY2FF. Deep golden yellow. 10c.

Canary Eye. LdW4... Elegantly twisted petals, and rich green center. 10c, 5 for 40c, 25 for \$1.90.*

Cardinal. IncY3. Fine. Cup bright red. 10c, 5 for 40c, 25 for \$1.90.*

Chaucer. PtW3F. This is the earliest of the poeticus varieties, and has the most beautiful cup. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.*

Conspicuus. BarY4F. One of the old dependables. The cup is rimmed rich red. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.

Dick. AjBic2. A fine early bicolor trumpet variety. 12c.*

Double Poeticus. PtW6. The "gardenia-flowered" narcissus. The latest of all narcissi. 7c, 5 for 28c, 25 for \$1.30, 100 for \$4.80.*

Doubloon. IncY3. Double. 10c, 5 for 40c.

Emperor. AjY3FF. The popular large yellow trumpet narcissus, often mistakenly called "jonquil." 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.*

Empress. AjBic3F. Like Emperor, but of choicer quality, and the wings are white. 10c, 5 for 40c, 25 for \$1.90.*

Empress (?). Undoubtedly correct, but its record is lost: therefore 10 per cent cheaper. 9c, 5 for 36c, 25 for \$1.70.

Evangeline. LaW4F. Broad flat flower. 10c, 5 for 40c.

Fairy Queen. LdW2F. Snowy white, with large cup. 10c, 5 for 40c, 25 for \$1.90.*

Figaro. IncY3. Broad wingy flower, 8c, 5 for 32c, 25 for \$1.50.*

Furnace. BarY2. Deep yellow, with red cup. 25c.

Fusilier. BarBic3. Creamy white, with flat orange crown. 10c, 5 for 40c, 25 for \$1.90.

Glory. PtW4. Large, and of snowy whiteness. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Glory of Sassenheim. AjBic2. Very large and early. Will displace Victoria. 20c, 5 for 80c.*

Golden Scepter. JqY3. Similar to Buttercup, but earlier, and the trumpet elegantly bell-form. 50c.*

Grandiflorus. PtW5FF. Striking in size and form. Gives bold effect for decorating and in outdoor plantings. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.*

Green Double. If planted in moist shade, these might in two or three years revert back to their original yellow, but some people like them as they are. The stock may be slightly mixed. 10c, 5 for 40c.

Homespun. IncY3F. Rich greenish yellow. Unique in color, elegant in form, and destined to become very popular. 12c, 5 for 48c.*

Horace. PtW4F. Large flower, tall stem, eye red nearly to center. I have developed a large stock of this variety, and am offering it at a much lower price than is usually quoted. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.*

Jonquil. JqY5F. A surpassing flower in smallness, in color, in quality, in odor. The bulbs are very small, and should be planted only two inches deep. 6c, 5 for 24c, 25 for \$1.10.*

King Alfred. AjY2FF. The foremost of all narcissi in commerce at the present time. 25c, 5 for \$1.00.*

King Edward. PtW5FF. A flower of snowiest white color and heaviest substance. The finest forcer of its type. 7c, 5 for 28c, 25 for \$1.30, 100 for \$4.80.*

Lady Bird. IncY2F. The earliest red-cupped narcissus I know. 8c, 5 for 32c, 25 for \$1.50.*

Lady Hillingdon. JqY2. Like Buttercup and Golden Scepter, but larger and earlier, and usually two or three flowers on a stem. \$1.00.*

Leonie. IncY3F. Cup very large and flaring. A choice flower on a fine stem. 12c, 5 for 48c, 25 for \$2.30, 100 for \$8.80.*

Maggie May. LdW4F. Flower similar in form to Sir Watkin, and nearly as large. 12c.

Masterpiece. BarBic4. Of poeticus form, but the cup is rich deep red, and broader. 25c.*

Minerva. PtW6. A unique flower, very solid, disc very large, and nearly white.* 15c.

Mrs. Camm. AjW4F. An all-white trumpet narcissus. 15c.

Monarch. AjY3F. Similar to Emperor, but of better quality.

25c.

Orangeman. IncBic5. Snowy-white. Cup very broad, rich orange-yellow. 12c, 5 for 48c, 25 for \$2.30.

Orange Phenix. IncBic2F. Double. White and orange petals intermingled. 10c, 25 for \$1.90, 100 for \$7.20.*

Oriflamme. BarBic3. Star-shaped flower, with cup of fiery scarlet. 10c, 5 for 40c, 25 for \$1.90.*

Pheasant Eye. PtW6. Recurvus. The common late poets' narcissus. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.

Queen of the North. LdW3F. Similar to White Lady. 12c, 5 for 48c, 25 for \$2.30, 100 for \$8.80.*

Royal Sovereign. IncBic3. The finest double narcissus I have seen. \$1.00.*

Sequin. BarBic4. Wings pure white, elegantly curved. Cup flat, golden yellow. 10c, 5 for 40c.*

Sir Watkin. IncY2FF. The largest early incomparabilis, and one of the leading favorites of all narcissi. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.*

Southern Star. BarBic2. Pointed overlapping petals. Cup broad edged red. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.*

Sulphur Queen. IncY3. Double. Pale yellow. 10c, 5 for 40c 25 for 1.90.*

The Pearl... IncW3. Double. Similar to the preceding, but lighter in color. 10c, 5 for 40c, 25 for \$1.90.

Torch. IncY3. Large, rich yellow, with brilliant red cup. 12c.*

Trumpet Major? Ard Righ? Spurius? AjY1. One of the extra-early trumpet narcissi, two or three days later than the very earliest, but a larger and better flower. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Una. LdW4. Large flower. Hangs its head, facing downward. 12c.

Victoria. AjBic2FF. Similar to Empress, but earlier. 10c, 5 for 40c.*

White Lady. LdW4F. A large flat flower on tall stem. Cup small, heavily crinkled, citron-yellow. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

White Wedgewood. JqW4. Similar to Golden Scepter, but creamy white. \$1.00.

*Of the varieties so marked I can furnish photographs at 10c each. Some of these are solo portraits, some in groups. If two or more of a group are ordered, only one of the pictures will be sent, or possibly the portrait also if one of the kinds has one, and the surplus money will be returned.

As I can not dig all varieties every year, many of those in this list will not appear again for two or three years.

Do not be afraid to buy narcissus bulbs: the money paid for them is not spent, but invested. Of many of the varieties I can now sell by the hundred, my whole stock has come from single bulbs bought years ago.

MISCELLANEOUS BULBS

Not furnished in spring. Prices include delivery.

Grape Hyacinths... The intensity of color and profusion of bloom

given by these, combined with their extreme hardiness and their rapidity of increase, make them one of the finest of bulbs, whether for naturalizing, for garden planting, or for indoor forcing. Deep purple-blue. 5c, 6 for 20c, 12 for 36c. Mammoth bulbs, especially fine for forcing, 7c, 6 for 30c, 25 for \$1.00. Photograph, 10c.

White Grape Hyacinths. "Pearls of Spain." A flower of exquisite beauty. 6c, 5 for 25c.

Grape Hyacinths, Racemosum. Darkest purple-blue. 6c, 5 for 25c.

Muscari Azureum. The earliest of the grape hyacinth type, and probably the earliest blue flower. Brilliant blue. 6c, 5 for 25c.

Snowdrops. The earliest white flower in spring, often in bloom with snow on the ground. 5c, 5 for 20c, 12 for 40c.

Stars of Bethlehem... Small white flowers in great masses in late spring or early summer. Perfectly hardy, and do well anywhere: therefore well adapted to naturalizing. One of the easiest of bulbs to flower indoors in winter. 5c, 6 for 15c, 20 for 36c, 100 for \$1.50. Larger bulbs, 5c, 6 for 20c, 20 for 50c, 100 for \$2.00. Mammoth bulbs, especially fine for forcing, 6c, 6 for 25c, 25 for 75c.

The foregoing bulbs should be planted two inches deep, preferably where cool, moist, and a little shady, where they can remain undisturbed for several years.

Hyacinths. One of the finest bulbs for winter blooming indoors. In outdoors planting they should be set about four inches deep to the tops of the bulbs. I have them only in mixture and in mixed sizes. A good twenty-five cents' worth, 25c.

Madonna Lilies. Should be ordered and planted early. Should be set only two or three inches deep to the top of the bulb. 25c.

Tiger Lilies. Husky growers, and make a gorgeous display. These should be planted five or six inches deep. 20c.

Umbellatum (?) Lilies. Gorgeous orange-red, cup-shaped, pointing upward, many flowers to the stalk. These also should be planted five or six inches deep. 25c.

TULIP BULBS

Shipped August until winter. Not furnished in spring.

Do not attempt to grow any of these tulips indoors. They are for outdoor growing only.

Prices include delivery by mail or express.

Mixed Late. In utter riot of color nothing can surpass a bed of mixed late tulips. The prevailing colors are white, yellow, pink, orange, red, and variegated. This mixture is made up wholly of named varieties, and contains a great many of them. 12 for 36c, 25 for 60c, 100 for \$2.00, 250 for \$4.50.

Bouton d'Or. Rich golden yellow, with black anthers. The nearest like a Darwin of any yellow tulip. 5c, 3 for 12c, 12 for 40c, 25 for 70c.

Carrara. An extra-fine new white variety. 25c.

Columbus. A sharply pointed flower, yellow, striped scarlet. Not only unique and striking, but very beautiful. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

Ellen Willmott. Tall slender bud, pale cream in color, very late. In fragrance unsurpassed by any tulip. 6c, 3 for 15c, 12 for 48c, 25 for 85c, 100 for \$3.00, 250 for \$6.75.

Inglescombe Yellow. Cup-shaped flower of purest sulphur-yellow Very late. 6c, 3 for 15c, 12 for 48c, 25 for 85c, 100 for \$3.00.

Mrs. Francis King. Pure yellow, very early for a late tulip. Slightly mixed with Avis Kennicott, a higher-priced variety. The latter can easily be identified by its later blooming and by the dark green spots about the center. 7c, 3 for 18c, 12 for 60c.

Mrs. Moon. Pure clear yellow. Tall stem, pointed flower. A fine cut-flower variety. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

Striped Parrot. The parrots have long petals with ragged edges, and are the showiest of all tulips. This variety and the yellow are the finest of the parrots. 6c, 3 for 15c, 12 for 48c.

Yellow Parrot. Pure, clear yellow. The brightest of the parrots. 6c, 3 for 15c, 12 for 48c.

Darwin Type

Mixed Darwins. While this mixture contains most of the Darwin colors, it is composed mostly of varieties not represented in the list below. 12 for 40c, 25 for 70c, 100 for \$2.40, 250 for \$5.40.

Bartigon. Fiery crimson. A very popular variety. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

Bleu Celeste. One of the finest of dark-blue tulips. In Holland it is the blue tulips that as a class are the high-priced ones. 10c, 3 for 25c, 12 for 90c, 25 for \$1.60, 100 for \$6.00.

City of Haarlem. Deep glowing scarlet, the most vivid of all tulips in the sunshine. 10c, 3 for 25c, 12 for 90c, 25 for \$1.60, 100 for \$6.00.

Clara Butt. Apricot-pink, an exquisite color. The first favorite of all tulips, and a fine market flower. 5c, 3 for 12c, 12 for 40c, 25 for 70c, 100 for \$2.40.

Dark Purple. Name unknown, but a high-class tulip in every respect. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

Electra. "Soft rosy lilac. A pale variety of great beauty." An exquisitely dainty color, and the flower first class. 7c, 3 for 18c, 12 for 60c, 25 for \$1.10.

Farncombe Sanders. The loveliest of red tulips, and second in favor only to Clara Butt. A fine market flower. 6c, 3 for 15c, 12 for 48c, 25 for 85c, 100 for \$3.00.

Kate Greenaway. White, slightly flushed lilac-rose. One of the best of the near-whites. 5c, 3 for 12c, 12 for 40c, 25 for 70c, 100 for \$2.40.

La Tristesse. Dull slaty blue, a very pure color. One of the finest of blue tulips. 6c, 3 for 15c, 12 for 48c, 25 for 85c, 100 for \$3.00.

Melicette. Lilac. One of the finest of tulips, and exquisitely beautiful in bud. 7c, 3 for 18c, 12 for 60c.

Meteor. Brilliant rose-red. 6c, 3 for 15c, 12 for 48c.

Mrs. Cleveland. Delicate flesh-pink in color, and exquisite in form. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

Opal. Heliotrope-lilac. A very brilliant dark-colored tulip, with very beautiful bud. 6c, 3 for 15c, 12 for 48c, 25 for 85c, 100 for \$3.00.

Queen of the Brilliants. A brilliant and beautiful light-red tulip. 6c, 3 for 15c, 12 for 48c, 25 for 85c.

The Bishop. Pure violet. A massive flower and plant. 10c, 3 for 24c, 12 for 90c.

Velvet King. Deep velvety brown, very large. One of the finest

of the dark varieties. 10c, 3 for 24c, 12 for 90c, 25 for \$1.60.

BEARDED IRISES

The bearded irises should be planted shallow, and should be given, as nearly as possible, a dry, well-drained location in full sun. A dressing of some form of lime or limestone is very beneficial.

Furnished any time of year except winter.

Prices include delivery by mail or express.

Mixture. 25 plants in at least 5 varieties, my selection, \$1.50, 100 plants, in at least 10 varieties, my selection, \$5.00.

Aletha (?). White, with frilled edging of dark blue. 20c.

Alcazar (?). Massive plant, flower violet and purple. 25c.

Ambassadeur. Lavender and deep red-violet. 75c.

Archeveque. Two shades of dark purple. 20c.

Aurora. Beautiful light blue. 25c.

Black Knight, Black Prince. Standards dark blue, falls darkest velvety purple. One of the most superb color effects in irises. 50c.

Cengiali. Similar to *Pallida Dalmatica*, but smaller, deeper in color, daintily crinkled, and richly fragrant. For color mass it is superior, being more profuse in bloom, and richer and more brilliant in color. 15c, 6 for 60c, 25 for \$2.00, 100 for \$6.60.

Citrea (?) Pumila. Extra early, low growing, dark greenish lemon-yellow. 15c, 6 for 60c, 25 for \$2.00, 100 for \$6.60.

Claret Pink. Name unknown. 15c, 6 for 60c, 25 for \$2.00, 100 for \$6.60.

Crusader. Dark blue. Very strong color. 50c.

Early Dark Blue. Name unknown. The finest early dark blue I know. 15c, 6 for 75c, 25 for \$2.25.

Early White. Earlier and more profuse in bloom than *Florentina*. Brilliant snowy white. 15c, 6 for 75c, 25 for \$2.50.

Edouard Michel. Deep reddish violet. 40c.

Eldorado. Many blended shades of yellow, bronze and purple. A variety of exquisite beauty. 20c.

Fairy (?). White, with blue shadings. A large flower of *Pallida* form. Very fragrant. 20c, 6 for \$1.00.

Florentina. Early, pearly gray-white. The rhizomes, peeled and dried, are the orris root used in perfumery. 15c, 6 for 60c, 25 for \$2.00, 100 for \$6.60.

Honorabilis. The old yellow and brown. 15c, 6 for 60c, 25 for \$2.

Innocenza. Late. Rich brilliant ivory-white. 15c, 6 for 75c, 25 for \$2.25.

Juniata. Like *Pallida Dalmatica*, but darker and larger. 15c.

Kochiii. Early. Buds soot-black, flower deepest purple. 15c, 6 for 75c.

Koenig. King of Iris. Smoky yellow and rich brown. Very large. One of the finest irises. 20c, 6 for \$1.00.

La Neige. Unsurpassed in snowy whiteness. 25c.

Light and Dark Blue. Name unknown. Large flower with broad petals. Early. 15c, 6 for 75c, 25 for \$2.00.

Mme. de Sevigne. A variety of the frilled type, with very dark edging. 20c.

Mrs. Darwin. Pure white. 15c.

Pallida Dalmatica. Plant large, tall, and stately. Flower very

large, soft lavender in color. 15c, 6 for 75c, 25 for \$2.50, 100 for \$8.00

Perfection. Light blue and very dark purple. 15c, 6 for 75c.

Pfaeuenaue. Dull yellow and plum-purple. A stately flower. 15c.

Princess Victoria Louise (?). Standards light yellow, falls purple, edged yellow. 15c, 6 for 60c, 25 for \$2.00, 100 for \$6.60.

Prosper Laugier. Blended shades of bronze, red, and purple. One of the richest in color of all the irises. 20c, 3 for 50c.

Pumila. Deep purple. A tiny plant and flower, but blooms in masses, and extremely early. 15c.

Quaker Lady. An exquisitely dainty flower, of smoky gray-blue effect, enriched with faint suffusions of old gold. 15c.

Queen Caterina. Pale bluish lavender. 50c.

Queen of May (?). Lavender-rose. A beautiful flower and a strong plant. 15c, 6 for 75c, 25 for \$2.25.

Rhein Nixe. Standards white; falls blue, with white border. Very large. 15c, 3 for 40c.

Romeo. Yellow and rich purple. I like this the best of any two-colored flower I have seen in the yellow class. 25c.

R. R. Smith. Similar to Queen Caterina, of equal quality, a little more refined in color, being shaded at the haft, instead of reticulated. A little smaller, but still a large flower. 50c.

Seminole. Dark red. 40c.

Sherwin-Wright. The favorite pure yellow. 15c, 6 for 75c, 25 for \$2.00, 100 for \$6.60.

Windham (?). Deep rose-pink. 15c.

The bearded irises do well planted along foundations on the south and west sides, where it is too hot and dry for anything else.

All dead iris leaves should be gathered and burned before winter.

BEARDLESS IRISES

These thrive in any good garden location, but especially enjoy a location by the waterside. *Pseudacorus* will also grow standing in water. Furnished in spring, summer, or fall.

Siberian, Blue King. Rich blue. 15c, 6 for 50c, 25 for \$1.50, 100 for \$5.00.

Siberian, Dark Blue. *Sanguinea* (?). Darker than Blue King, and a few days difference in time of bloom. 15c, 6 for 50c, 25 for \$1.50, 100 for \$5.00.

Siberian, Snow Queen. White. 15c, 6 for 75c, 25 for \$2.00.

Siberian, Perry's Blue. Tall, light blue, large flower, 50c, 3 for \$1.20.

Siberian, Emperor. The largest Siberian iris, so far as I know, and the darkest and richest in color. 50c.

Siberian, Distinction. A flower of remarkable grace and beauty, and highly effective in mass planting. Rich blue, with white veining. The stems are very tall, holding the flower mass completely above the foliage, and bear a quantity of buds which will give a display of bloom for a long time. 25c, 6 for \$1.00, 12 for \$1.80, 25 for \$3.00, 100 for \$10.00.

Siberian, Pale Blue. 15c, 6 for 50c.

Siberian, Butterfly. Strong grower. Large flower of light blue. 25c, 3 for 60c, 12 for \$2.00, 25 for \$3.60.

Pseudacorus. Foliage tall and handsome. Flower flat, a deep

golden yellow with black markings. 20c, 3 for 50c, 12 for \$1.50.

Versicolor. The common wild water-flag. Pale lavender. 20c, 3 for 50c, 12 for \$1.80.

Orientalis Gigantea. Ochroleuca. A superb flower, pure ivory-white, with yellow blotch on the falls. 25c, 6 for \$1.20, 12 for \$2.25.*

Longipetala Superba. Spuria Mrs. A. W. Tait. This is like the preceding variety in type, but a dainty lavender in color, shading from nearly blue to pink, with yellow suffusions. 25c.

Monspur. Like Ochroleuca, but a glorious deep blue, with yellow blotch. 50c.

Fulva. Cooper colored. 50c.

Hexagona Lemancei (?). Blue. 25c.*

Dorothea K. Williamson. Dark blue. 50c.*

*Photographs, 10c each.

Monspur and Ochroleuca, with their yellow counterpart, are to me the grandest of all irises.

MISCELLANEOUS PLANTS

For Fall shipment

Hardy Bamboo. Order now for early spring delivery. See description later in this catalogue.

Lily of the Valley. One of the most loved of all flowers. Racemes of beautiful fragrant white bell-shaped flowers. Likes moisture and partial shade. Rooted runners. 5c, 4 for 15c, 12 for 40c.

Hemerocallis, Gold Dust. One of the earliest of the yellow day lilies. Rich orange-yellow inside, greenish bronzy yellow on the outside. 25c.

Hemerocallis, Thunbergii. The latest of the yellow day-lilies, and one of the most charming. Very tall. Flowers pale citron-yellow. 25c.

Hemerocallis, Queen of May. Probably the grandest of all the yellow day-lilies. Flowers of extreme size, rich yellow. All the day-lilies are delightfully fragrant, and all continue in bloom for several weeks. 35c, 3 for \$1.00.*

Coral Bells. Hardy outdoors, and is also a perfect house plant, continuing in bloom for two months or more. Crown divisions. 20c.*

Hardy Sweet Violet. 15c.

Hardy White Violet. Large snowy flowers borne in greatest profusion above the foliage. 15c.

Hardy Blue and White Violet. Like the preceding, but with blue center. 15c.

Hardy Violet, Snowflake. Dark blue, with snow-white spots. 15c.

Garlic. Fine for use in cooking. If Americans would try it, they would use more of it. Very mild in flavor when cooked. This is an improved variety, larger than the common kind. One-fourth lb., 15c, one lb, 50c. Should be planted in early fall.

Winter Onions. Stand in the ground the year around. Thinnings from the row give green onions from the opening of spring until summer. One-half lb., 15c. Should be planted in early fall.

*Photographs, 10c each.

Prices include delivery by mail or express.

PEONIES

Plants should be set as soon as received, placing so that the

buds will be about two inches below the leveled surface of the soil when planting is completed. In the open field or garden, like corn and potatoes, and with the same kind of care, peonies do famously. Where the soil is killed by elms, maples or poplars, or is starved and dried out from other reasons, nothing can be expected of them. They also can not thrive in soggy ground.

Prices quoted are for strong divisions from mature plants.

If peonies are desired in quantities of 25 or more of a variety, totaling 100 or more plants, special prices can be given for many of the varieties.

Prices include delivery by mail or express. If the customer prefers to pay the transportation costs, 6c per plant may be deducted from the face of the order.

The rate for 3 applies only to 3 of 1 kind. It does not apply to 1 each of 3 kinds. Likewise any other quantity rate.

Where only the one-price is given, additional plants of that variety are at the same price; for example, three of Humei would be \$1.20, five of Marie Crousse would be \$5.00, etc. Similarly the price of twelve Constant Devred would be 70c each, or \$8.40, etc.

Shipments begin about September 1. Fall delivery only.

Single Varieties

Mixed Singles. Various colors, not including the varieties listed below. 40c, 3 or more at 30c each, 10 or more at 25c each.

8.4 Albiflora, The Bride. Flowers very large, blush white when opening, pure white when open. 80c, 3 or more at 75c.

7.1 Darkness. Brand. Darkest red, and of exceptionally high quality. \$2.00.

8.6 Mikado... One of the finest of bright red peonies. At this price no one can afford not to have one. \$1.00. Japanese type.

Hollis White Single. Plant very dwarf, flower very large. 40c.

Wild Rose (?). Very dark red. 40c.

Single Tall Pink. Clear light pink. Massive stem gives heavy substance and good keeping quality. 75c.

Single Tall Red. A good plain red, tall, a healthy and husky grower. 40c, 3 or more at 30c each, 10 or more at 25c each.

For planting effect, for indoor decoration, for color masses indoors or out, for profusion of bloom, for lightness, airiness and dainty grace, the singles are not surpassed.

Double Varieties

Mixture. 3 plants, red, white, pink, my selection, \$1.00.

7 plants, all different, all labeled, my selection, \$2.00.

My selection, one plant of each variety labeled; 25 plants in 7 varieties, \$7.50; 50 in 11 varieties, \$14.00; 100 in 15 varieties, \$26.00. (If not prepaid, \$6.00, \$11.00, and \$20.00 respectively).

8.5 Adolphe Rousseau. Dark brownish red. Tall stems, large flower. 60c.

8.7 Albatre. Flower practically the same as Avalanche. 80c.

8.6 Albert Crousse. A heavy flower of rich pink. 60c, 3 or more at 54c.

8.1 Asa Gray. Light pink, thickly sprinkled with dots of deeper color. 60c. 3 or more at 54c.

7.8 Augustin d'Hour. Dark solferino-red. A brilliant and very beautiful flower. 60c.

8.7 **Avalanche.** White, faintly tinted blush. A strikingly beautiful flower. 50c, 3 or more at 40c.

9.0 **Baroness Schroeder.** Fluffy white, flushed light baby-pink. One of the most beautiful of all peonies, both in flower and in foliage. 80c, 3 or more at 72c, 10 or more at 67c.

6.7 **Bernard Palissy.** Large heavy blooms of blush-pink. Late. 60c, 3 or more at 50c.

6.3 **Cameron.** One of the old-time massive red peonies. 80c.

8.4 **Chestine Gowdy.** A fine flower, creamy white, tinted pink, of great substance, and a fine keeper when cut. \$1.00.

8.7 **Claire Dubois.** The same color as Mons. Jules Elie. One of the finest and most dependable of the late-pink peonies. 60c, 3 or more at 54c, 10 or more at 50c.

7.5 **Constant Devred.** Vivid rose-carmine. Very late. 80c, 3 or more at 70c.

8.1 **Couronne d'Or.** Large white flower lighted up with yellow stamens. A sturdy grower and a sure bloomer. 40c, 3 or more at 30c.

6.6 **Crimson Victory.** A bright clean red in color, and a good flower. 60c, 3 or more at 54c.

7.1 **Delachei.** Rich brilliant dark red. 40c, 3 or more at 30c.

7.6 **Delicatissima.** Pearly lilac-rose. A profuse bloomer that can be depended on. 40c, 3 or more at 30c.

6.9 **Dr. Bretonneau, Gr.** Light amber-pink. A large flower and very dainty. 40c, 3 or more at 30c.

8.1 **Duchesse de Nemours.** One of the loveliest of all white peonies. Opens pale sulphur-white, with greenish center. 40c, 3 or more at 30c.

8.3 **Eugene Bigot.** A superb red peony superbly mounted on tall straight stem. 80c, 3 or more at 72c.

8.3 **Eugene Verdier.** Baby-pink and cream. Massive flower and stem. 80c, 3 or more at 72c.

8.6 **Eugenie Verdier.** Hydrangea-pink, with opalescent tints. One of the most beautiful of pink peonies. 60c, 3 or more at 50c.

8.4 **Felix Crousse.** Probably the most popular of all red peonies. 60c, 3 or more at 50c.

9.3 **Festiva Maxima.** Probably the most popular of all white peonies. Massive grower, sure bloomer, early. 40c, 3 or more at 30c.

5.8 **Fragrans.** Dark rose, exquisitely fragrant. 40c, 3 or more at 30c.

Giant Pink. Name unknown. Clear dark pink, enormous flower and plant. To my notion can to advantage replace Mme. Geisler, Alexandriana, and Mme. Ducl. 60c.

7.9 **Gloire de Ch. Gombault.** Pink and amber, rich in color, and a fine keeper as a cut flower. 60c, 3 or more at 54c.

7.3 **Golden Harvest.** Pink and cream. A fine landscape variety. 40c, 3 or more at 30c.

8.8 **Grandiflora.** Pearly light pink. The very latest. 80c, 3 or more at 72c.

8.2 **Grover Cleveland.** A superb flower, full double and deep red. \$1.00, 3 or more at 90c.

8.1 **Hercules.** Fresh light pink. Very large full flower. 40c, 3 or more at 33c.

5.7 **Humei.** Enormous late dark pink. Strong grower. 40c.

6.5 Humei Carnea. An old variety, too good to permit to be lost in the scramble for new things. A clean pink in color. 60c.

7.2 Irma. Large flower of rich pink. 50c.

8.7 James Kelway. Pearly flesh-white. \$1.00.

8.8 Karl Rosenfield. A glorious flower, rich glowing crimson-scarlet. Perhaps the most stunning of all peonies. 60c.

6.0 Lady Leonora. Medium pink. Rich color and fragrance. 40c.

Lavender Rose. Tall strong grower, and a striking landscape variety. A Hollis seedling. 40c, 3 or more at 30c.

9.0 La France. One of the most superb of all peonies. Rich opalescent pink. \$3.00, 3 or more at \$2.60.

La Reine. (7.2 Alice de Julvecourt?). Lilac-white, shaded cream. An exquisite flower. 40c, 3 or more at 30c.

7.2 L'Eclatante. An old red variety which lately has been advancing in price. 50c.

7.3 L'Indispensable. Beautiful pale pink. 40c, 3 or more at 33c.

8.1 Livingstone. Massive late dark pink. 50c.

9.0 Longfellow. Brand. Full double, rich pure red. \$2.40.

6.9 Louis van Houtte. One of the best reds, and one of the surer to give satisfaction. 40c, 3 or more at 33c.

6.4 Lutea Plenissima. Sulphur-white, center green, small flower. There is no daintier peony than this. 40c, 3 or more at 30c.

6.5 Mme. Breon. Very similar to Mme. de Verneville, but with pink outer petals and cream center. 50c.

7.3 Mme. Bucquet. Glowing darkest red. 50c.

7.9 Mme. Crousse. Purest snowy white. Pure rose fragrance, rich and powerful. 40c, 3 or more at 30c.

7.9 Mme. de Verneville. Rosy or creamy white, changing to pure white. Early, and one of the best peonies for any and all purposes. 40c, 3 or more at 30c.

7.9 Mme. Ducl. A large dark-pink peony, somewhat of the style of Mons. Jules Elie. 50c.

8.5 Mme. Emile Galle. Exquisitely dainty white, with opalescent tints. 50c, 3 or more at 40c.

7.7 Mme. Forel. One of the all-around best of the late dark-pink peonies. 50c, 3 or more at 40c.

7.4 Mme. Fould. One of the grandest of peonies—if it opens. Blush-white, exquisitely fragrant. Do not order but one unless you have tried it and found it satisfactory under your conditions. 40c, 3 or more at 30c.

9.4 Mme. Jules Dessert. Delicate flesh-pink. Superb in every way both as flower and as plant. \$2.40.

8.1 Mlle. Rousseau. Tinted white. Tall strong stem. 80c.

8.2 Marcelle Dessert. A high-topped flower of very distinct beauty, milk white, faintly dotted lilac. The stems and leaf-veins are dark red, making the plant very striking. 80c, 3 or more at 72c.

7.5 Marechal Vaillant. Dark mauve-pink. Large and brilliant flower. Late. 40c, 3 or more at 30c.

8.4 Marguerite Gerard. Large broad flower of pale hydrangea-pink. 40c, 3 or more at 30c.

8.9 Marie Crousse. What Clara Butt is in tulips, Marie Crousse is in peonies. There couldn't be higher praise, but it is hardly high

enough. A voluptuous color, clear salmon pink, in a flower of abundant size and commanding form. \$1.00.

8.5 Marie Lemoine. Ivory-white, center sulphur-white. Massive flower and plant. 40c.

6.5 Meissonier. Brilliant crimson, midseason. 40c. 3 or more at 33c.

9.0 Milton Hill. One of the finest of the modern pink varieties. \$3

7.8 Modele de Perfection. Rich pink. Late. 50c, 3 or more at 44c.

7.8 Modeste Guerin. Solferino-red, a very clean fresh color, 60c, 3 or more at 50c.

8.3 Mons. Dupont. Similar to Couronne d'Or, flower broader and more open, waxy white. 40c, 3 or more at 33c.

9.2 Mons. Jules Elie. Pearly violet-rose. A massive flower. 80c, 3 or more at 72c.

8.8 Mons. Martin Cahuzac. Garnet-red. The darkest peony and the finest of dark peonies. \$1.00.

6.3 Mons. Paillet. Uniform delicate pink. 40c.

6.0 Myrtle. Beautiful, sweet and charming. Discredited by the authorities, but her only fault is that she is not big and fat. 60c.

8.5 Octavie Demay. Beautiful pale pink. Very early. 50c, 3 or more at 45c.

Officinalis Rubra. The old-fashioned early double red peony. 60c.

7.6 Pierre Dessert. One of the pre-eminent red peonies. Dark red, without sheen or gloss, yet bright by indoor light. Massive in flower and in plant. 60c, 3 or more at 50c.

8.2 Pierre Duchartre. Uniform lilac-pink in color. Tall, with strong stems. An extra-fine variety. 80c, 3 or more at 72c.

8.6 Primevere. Cream color. A very fine variety. \$2.00.

7.4 Princess Beatrice. Violet-rose, with cream-white petals intermingled. 40c, 3 or more at 33c.

6.9 Prolifera Tricolor. Pink outer petals, yellow center. This variety is more than one hundred years old, and the yellowest yet. 50c.

7.8 Queen Emma. Rich light pink and cream. A valuable commercial variety. 60c.

Rare Brocade. Japanese type, full double. Wax-white, with pink stripes on outer petals. 80c.

8.8 Richard Carvel. Brand. The finest early red peony. \$3.00.

7.2 Rubra Superba. One of the richest in color of all the reds. Late. 50c.

9.0 Sarah Bernhardt... One of the finest and largest of pink peonies. \$1.00.

Sarcxie. A vivid, very dark red. Tall, and a very easy opener. \$1.00.

9.7 Solange. Coffee-tinted pink. A superb variety in every respect, and unique and beautiful in color. \$2.40.

7.6 Solfatare. Tinted white, nearly yellow. 50c.

6.6 Sulphurea. Sulphur-white, richly fragrant. 40c, 3 or more at 30c.

9.8 Therese. Violet-rose. A pink peony of unsurpassed beauty. \$2.40.

8.3 Venus. A beautiful pink variety, with extremely tall stems. 80c.

9.3 Walter Faxon. Pink. Unique in the quality and richness of its color. \$3.00.

Photographs of Humei, Marechal Vaillant, Giant Pink, 10c each.

When you read disparaging remarks about peony varieties of low quality, bear in mind that the poorest peony on the market gives a finer flower for the price than almost any other perennial in the catalogue. To one in the business of propagating stock, the highest-priced varieties are worth their cost, just as the highest-priced animals are worth their cost to a live-stock breeder; but for every-day garden use in quantities the difference in the flowers does not justify the extra price except to the millionaire, to whom a few dollars mean nothing, or to the flower lover, to whom one plant of an exquisite variety is worth a sacrifice.

Mme. de Verneville as a producer of white flowers and Delicatissima of pink, are in peonies what the White Leghorn is among hens as a producer of eggs.

Notice my prices of Mikado, Baroness Schroeder, Karl Rosenfield, Marie Crousse, M. M. Cahuzac, Sarah Bernhardt. You can not afford to pass them up.

Albatre and Avalanche, are they identical? As flowers to look at they are practically indistinguishable. I got my Albatre from Farr, my Avalanche from Dessert, and they are not the same, except as already said. I have Albatre also from another source, which has never shown strength or quality. Whether it is a different Albatre, or simply has not had as good conditions, I do not know.

Delicatissima and Floral Treasure, are they the same. Decidedly not. Delicatissima is a very old variety, Floral Treasure is a recent one. Floral Treasure is the grander flower, with a tall stem. Delicatissima has a stubby stem, a considerable amber in its coloring, and is perhaps a little more pearly. The high value of Delicatissima is in its lavishness of flowers.

It is much the fashion nowadays to stick up the nose at any peony that is not big, fat, clumsy and stupid, disregarding its beauty of color, daintiness, and grace.

I have seen recommended by big authorities lists of peonies heralded as the coming commercial varieties, many of the varieties in which can not qualify for commercial use at all, except maybe for home trade. A peony that is too big and fat is like a hog that is too big and fat: there are many things it can not stand that a lightweight one can.

Size can not make beauty, else is a sunflower more beautiful than a rose, a mud cat than a gold fish, an elephant than an Angora kitten.

The Peony Society ratings are useful, and valuable, as suggestions, but prove false gods if worshiped.

Peonies for Fall, 1929, can be ordered from this list.

SPRING AND SUMMER, 1929

Irises, Hardy Violets. See the lists earlier in this catalogue.

Snowdrops, Grape Hyacinths, Stars of Bethlehem. These can be ordered in spring or summer for early delivery. See the lists earlier in this catalogue.

Madonna Lilies. Popular favorites, pure white, early. These are best ordered before July 1, for early delivery and planting. Set as soon as received, and only two or three inches deep to the top of the bulb. 20c, 25c, 30c, according to size.

Tuberose. This is double, very tall, and is probably the one superseded by Double Dwarf Pearl, an improvement that to my notion failed to improve. 10c.

Eranthis Hyemalis. Winter aconite. Blooms here before winter is over. Yellow blossom, foliage rich green. Strong plants, 10c, 3

for 25c. Can be furnished only at digging time, about May 1, and orders must be in by that time. The roots must be planted at once.

Chionodoxa. Very early. Dainty blue flowers with white center. A charming and brilliant flower. Bulbs, 5c, 5 for 20c, 16 for 50c. Delivered in June.

Clematis. Shrub form. Makes a bush about two feet high, which covers itself with small white flowers like those of the well-known vine. The clump gets larger year by year. Root divisions, 25c. Spring delivery.

Redhot Poker... **Tritoma.** Tall orange and yellow spikes of flowers. A sensation where not known. Must be taken in before winter, and stored in dry sand safe from frost. 20c, 3 for 50c. Delivered in the Spring.

Eulalia Gracillima. Ornamental grass. Grows to five feet in height, with dainty blossom-plumes in fall. Foliage of darkest green, very slender and graceful. 15c, 12 for \$1.20. Larger plants, 25c, 50c, \$1.00, according to size. Delivered in the spring.

Eulalia Zebrina. An ornamental grass coarser and heavier than E. Gracillima. The leaves are marked every few inches with broad crossbars of yellow. Grows to six or eight feet high. 25c. Larger plants, 50c. Delivered in the spring.

Hardy Bamboo. Metake? A strong, hardwooded, grassy-looking plant, one of the most elegant ornamentals of shrub size, giving an effect of tropical luxuriance comparable to that of small palms. The leaves remain green until into winter, and the stems do not die down. Highly desirable for waterside planting. Must be planted early in the spring. Field-grown plants, 50c, 4 or more at 40c, 12 or more at 36c.

Please do not write letters on your order sheet, nor write orders in your letters. Have the letter and the order on separate sheets. Also it will be a help if you will write your bulb order and your plant order on separate sheets.

For your own pleasure and profit subscribe to The Flower Grower, Calcium, N. Y. The rates are for one year \$2.00, for 3 years \$4.50, for 5 years \$6.00.

Iris lovers need and will appreciate Mr. Walter Stager's book, The Bearded Iris, published by The Flower Grower. Price, \$2.00. Orders for the magazine and the book can be sent to me, or direct to the publisher.

Bulbs are like eggs: they do not get better by keeping longer.

People are very childish: they want to plant a bulb today and have it in bloom tomorrow. When they want something, they want it right now or, most likely, not at all. They must get that joy ride today, go to that picture show tonight, for there'll never be a chance again.

FERTILIZERS

The most highly concentrated possible to produce, all water soluble, no waste, no residue to damage the soil, all available, odorless, colorless. Especially adapted to use for potted plants, garden, lawns. For use in small quantities, dissolve one teaspoonful to the gallon of water.

Floranid. The best nitrogen plant food. Sample size, 10c. 1-lb. can, ordered with bulbs, 50c; by mail, alone, 65c.

Nitrophoska. The best combined nitrogen, phosphorus and potash plant food. Sample size, 10c. 1-lb can, ordered with bulbs, 35c; by mail, alone, 50c.

Full directions with the package.

Write for prices if larger quantities are wanted.